

FIG. 1A

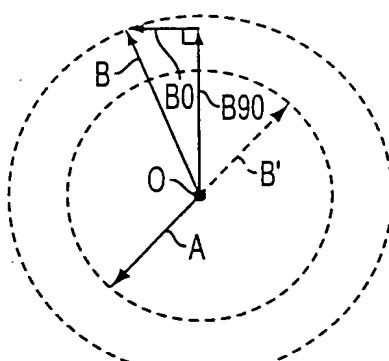


FIG. 1B

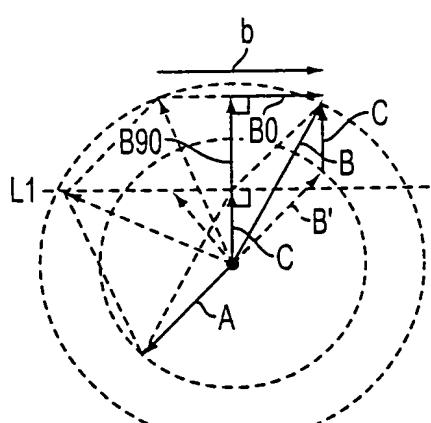


FIG. 1C

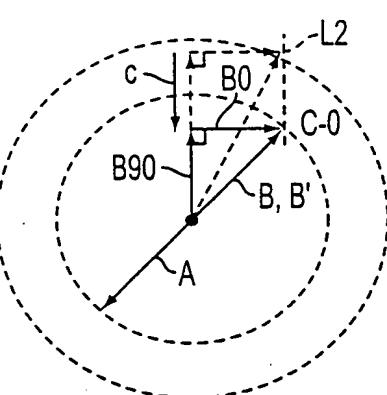
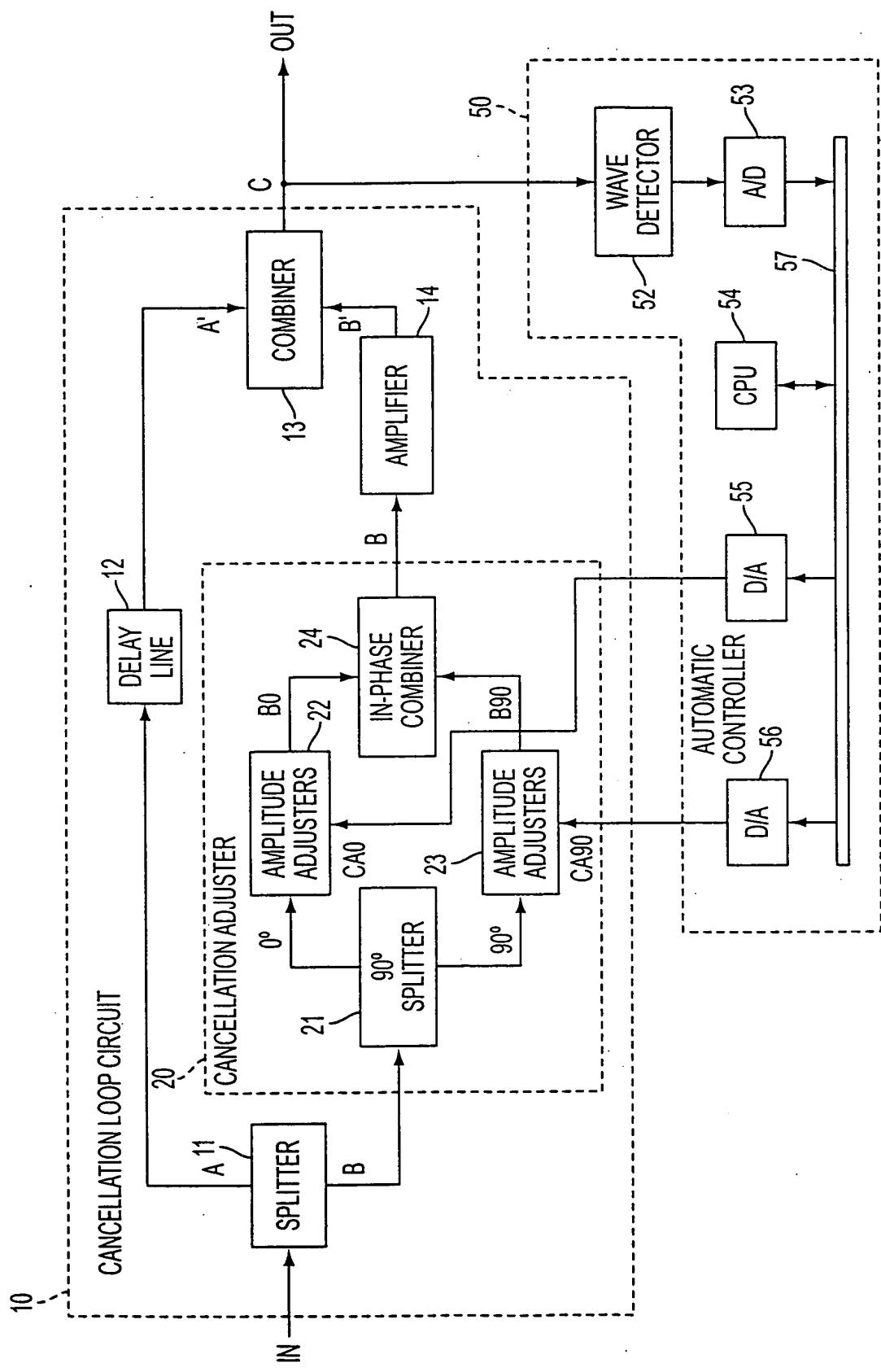
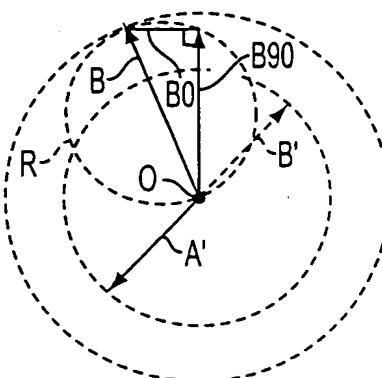


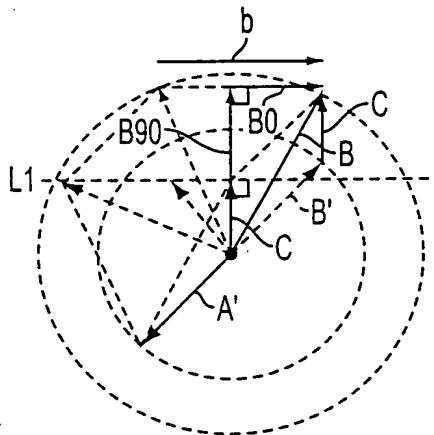
FIG. 1D

FIG. 2

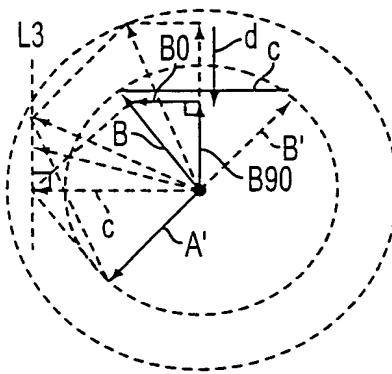




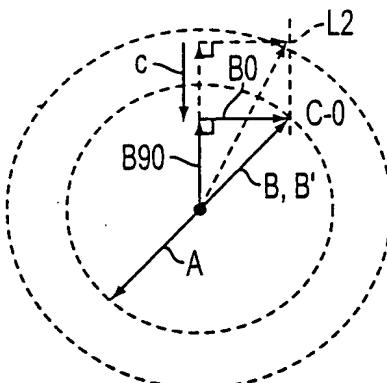
INITIAL STATUS
FIG. 3A



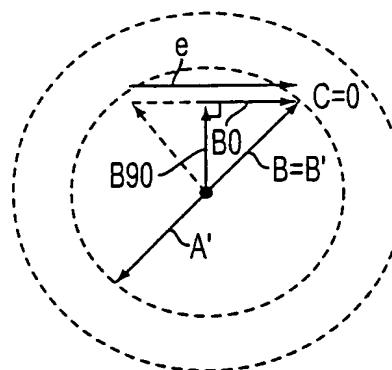
B0 AMPLITUDE CONTROL
FIG. 3B



B90 AMPLITUDE CONTROL
FIG. 3D



B90 AMPLITUDE CONTROL
FIG. 3C



B0 AMPLITUDE CONTROL
FIG. 3E

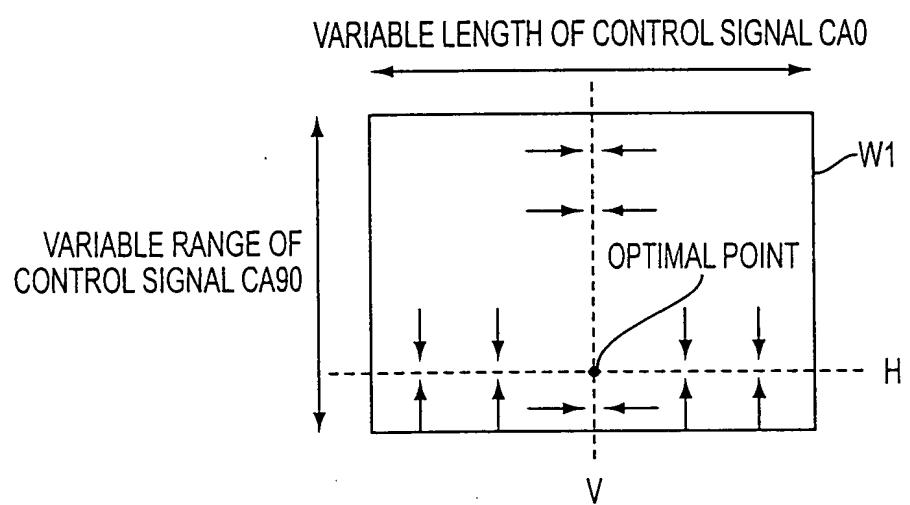


FIG. 4

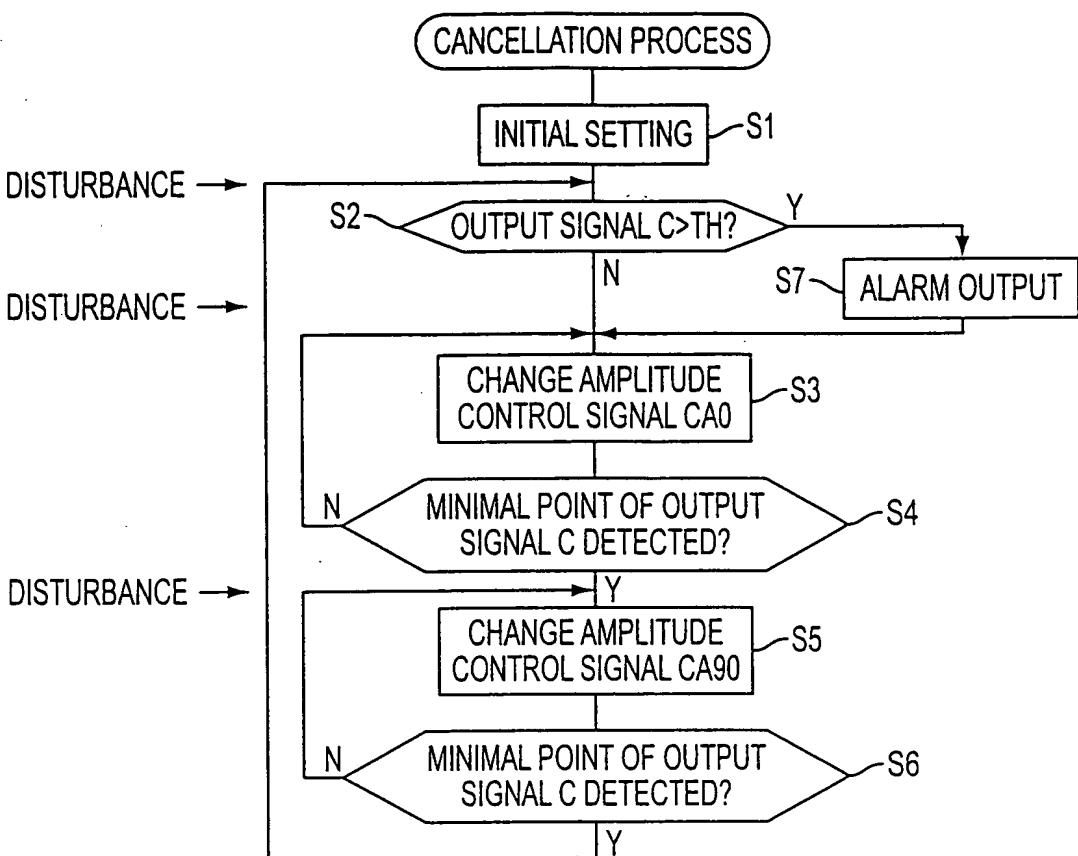


FIG. 5A

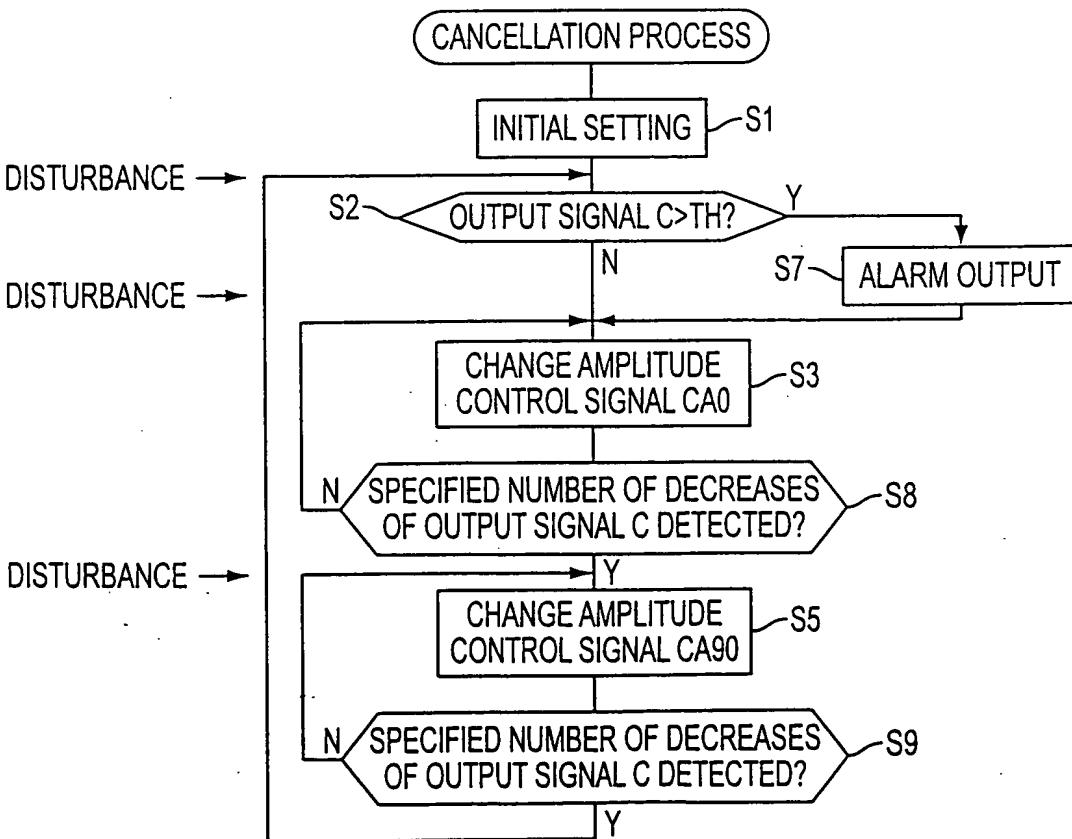


FIG. 5B

FIG. 6

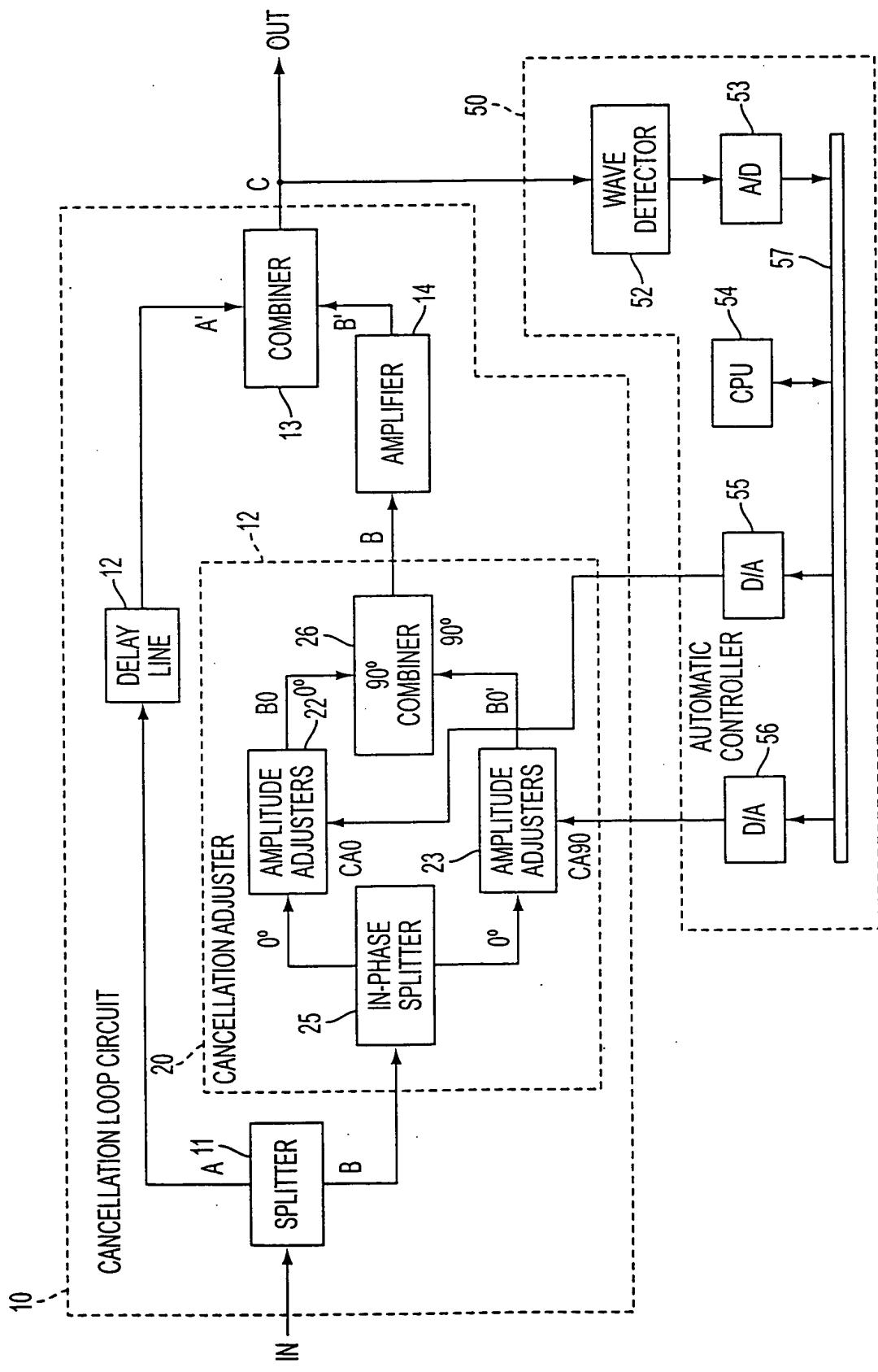
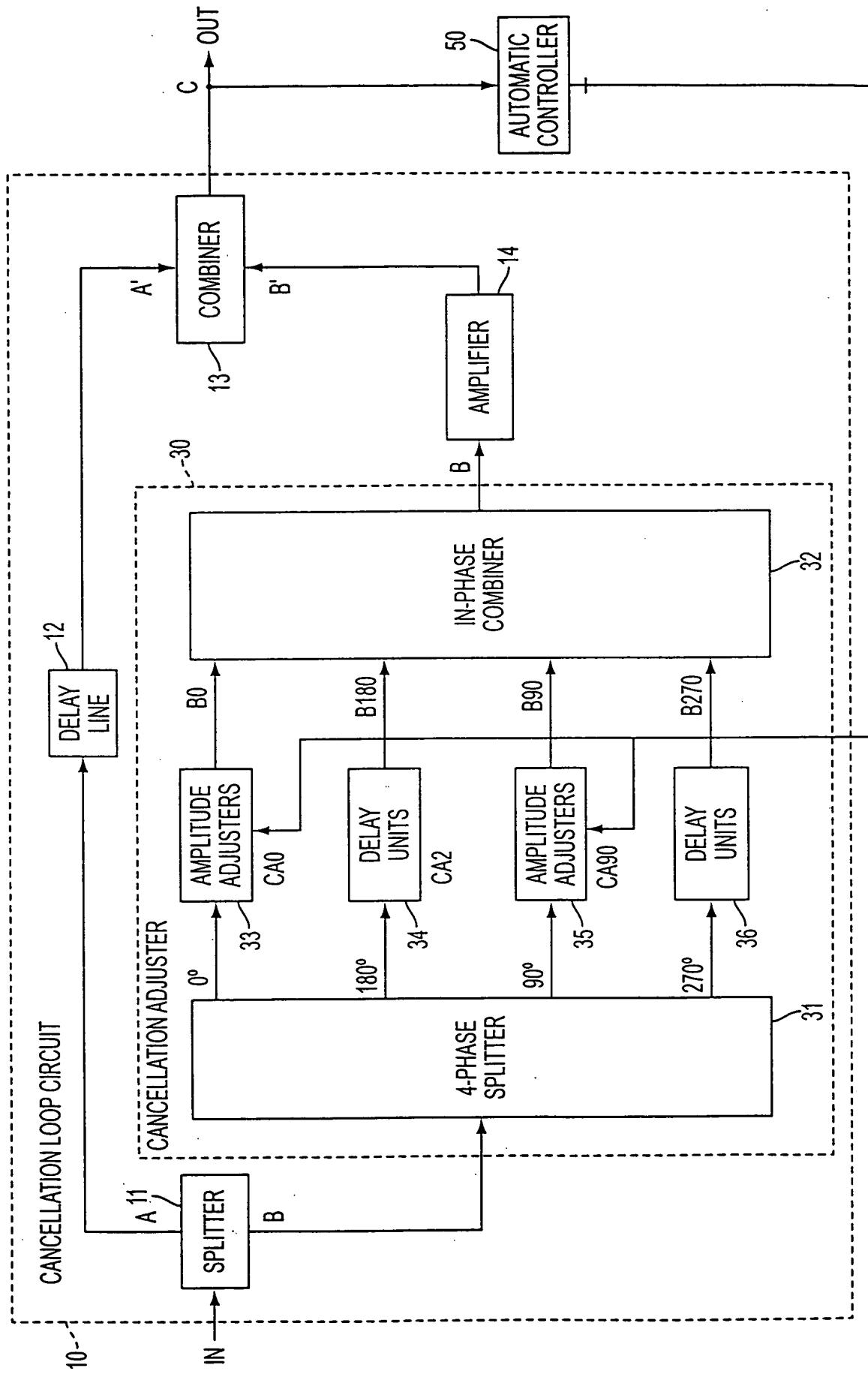


FIG. 7



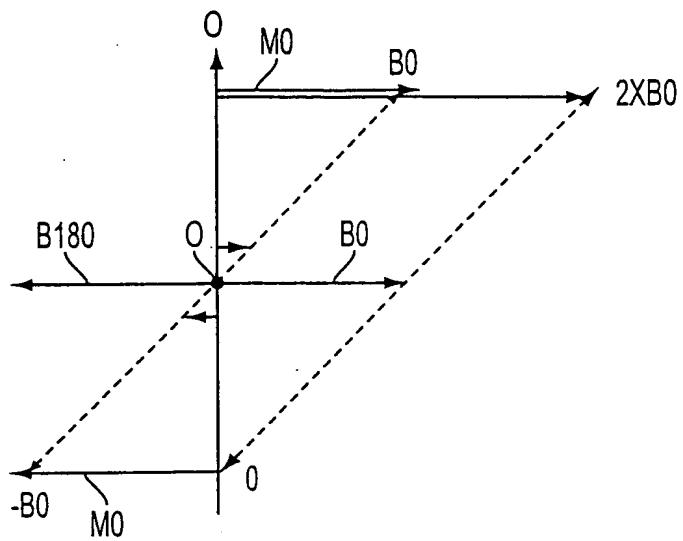


FIG. 8A

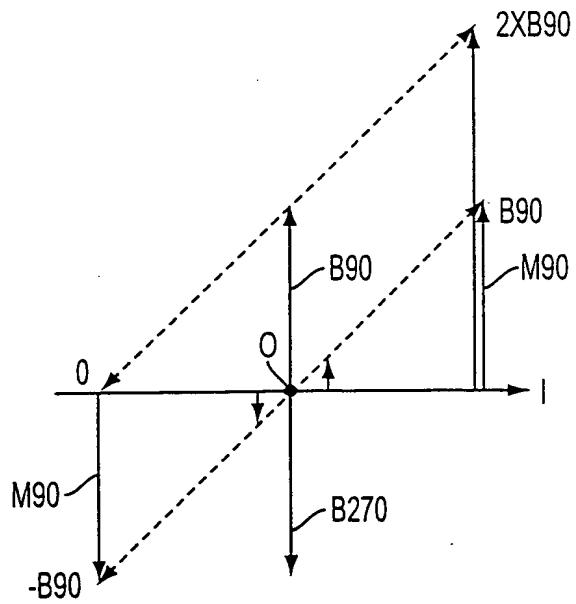
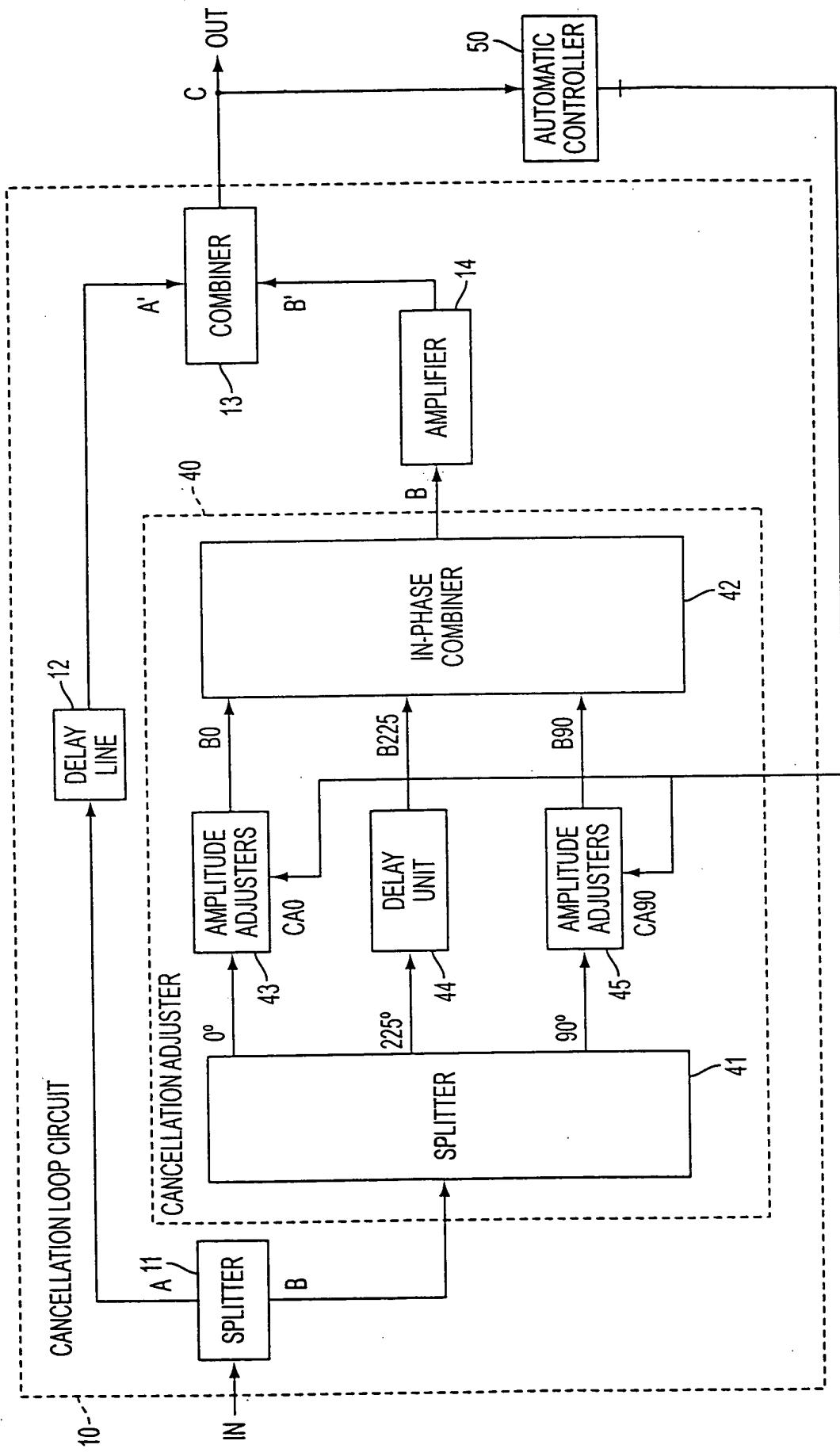


FIG. 8B

FIG. 9



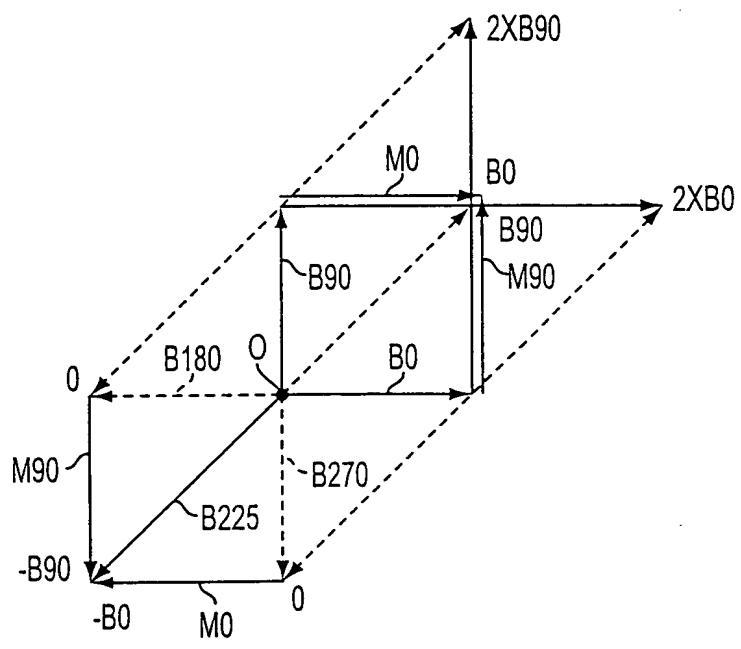


FIG. 10

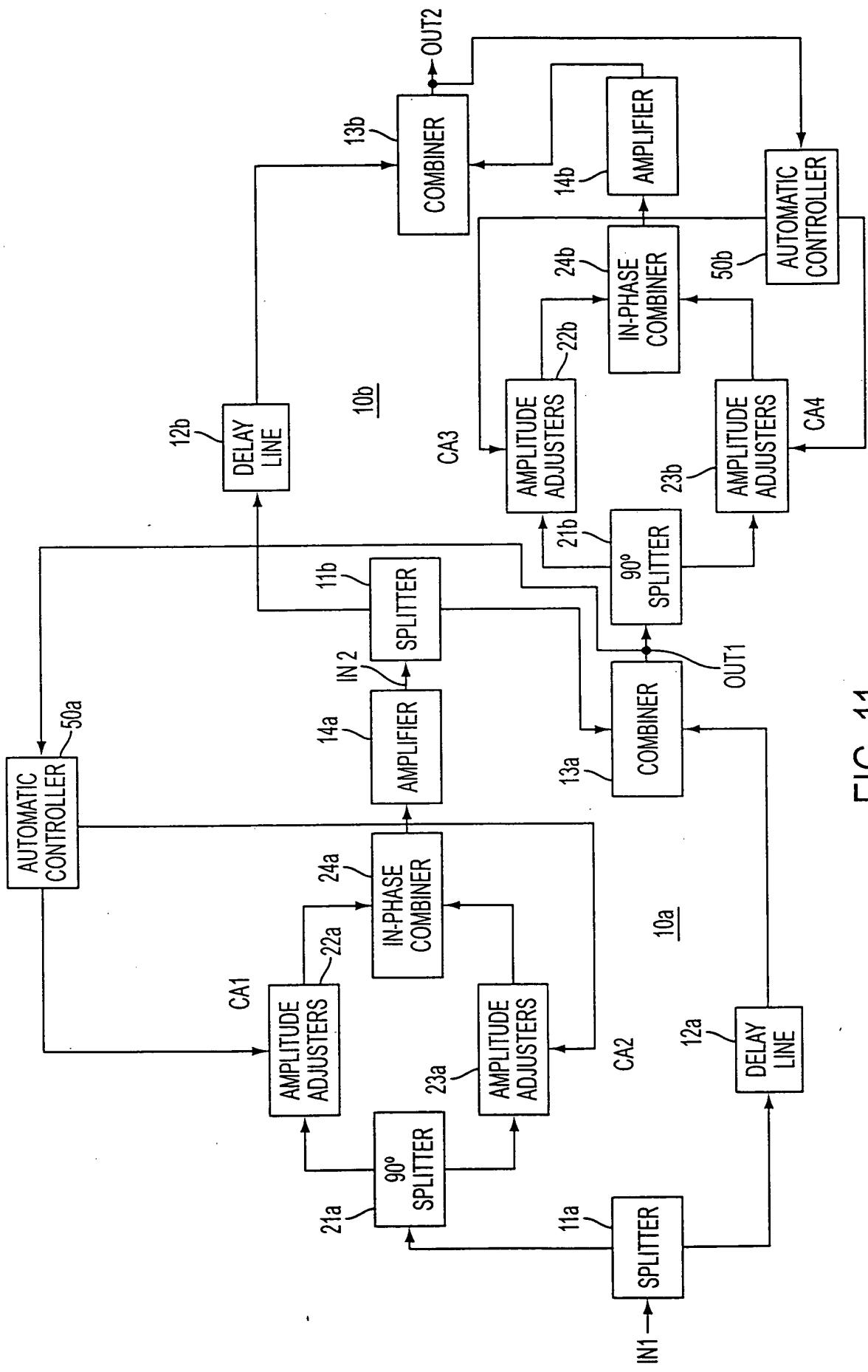


FIG. 11

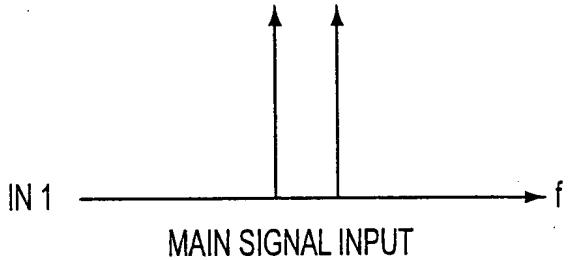


FIG. 12A

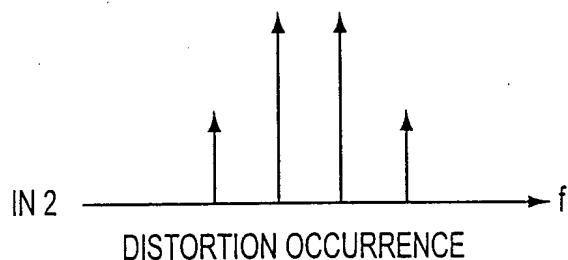


FIG. 12B

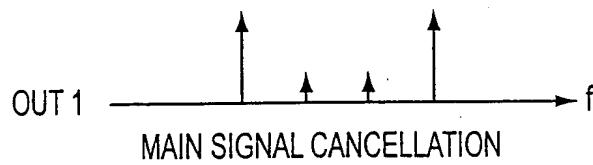


FIG. 12C

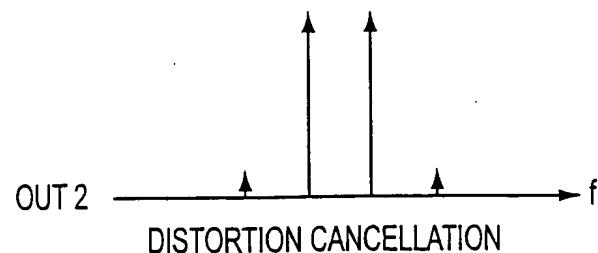
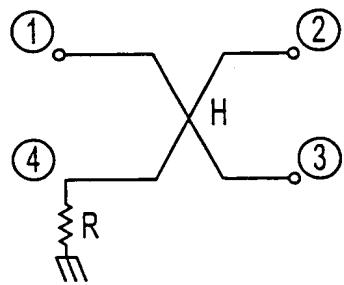
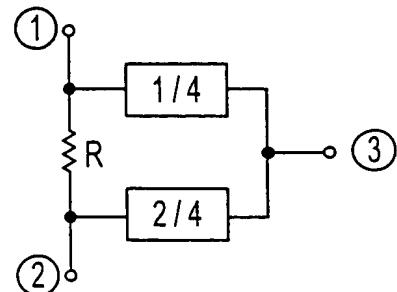


FIG. 12D



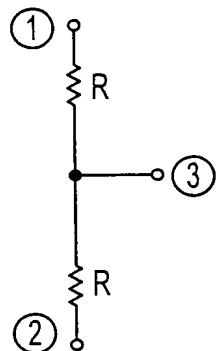
90° SPLITTER-COMBINER

FIG. 13A



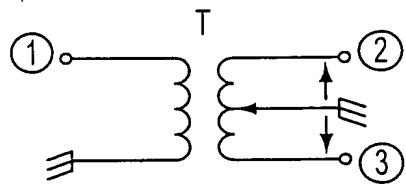
IN-PHASE SPLITTER-COMBINER

FIG. 13B



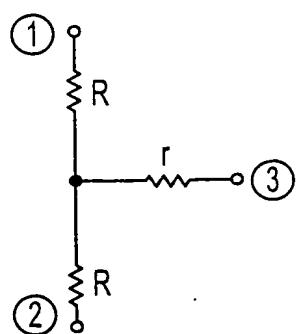
IN-PHASE SPLITTER-COMBINER

FIG. 13C



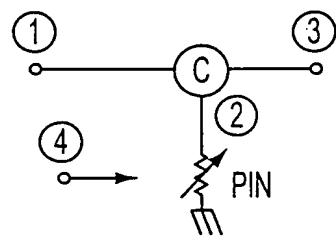
180° SPLITTER-COMBINER

FIG. 13D



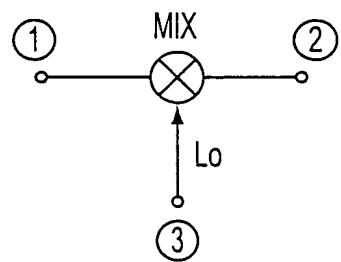
IN-PHASE SPLITTER-COMBINER

FIG. 13E



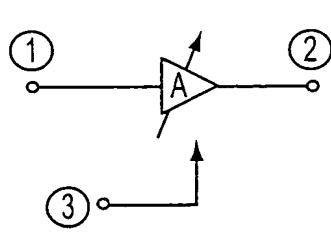
CIRCULATOR TYPE

FIG. 14A



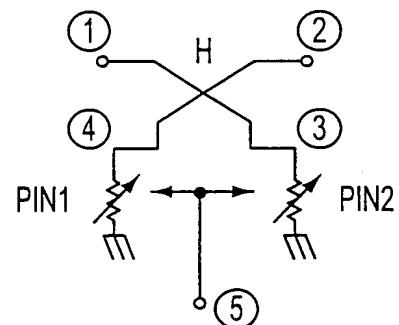
MIXER TYPE

FIG. 14B



GAIN CONTROL TYPE

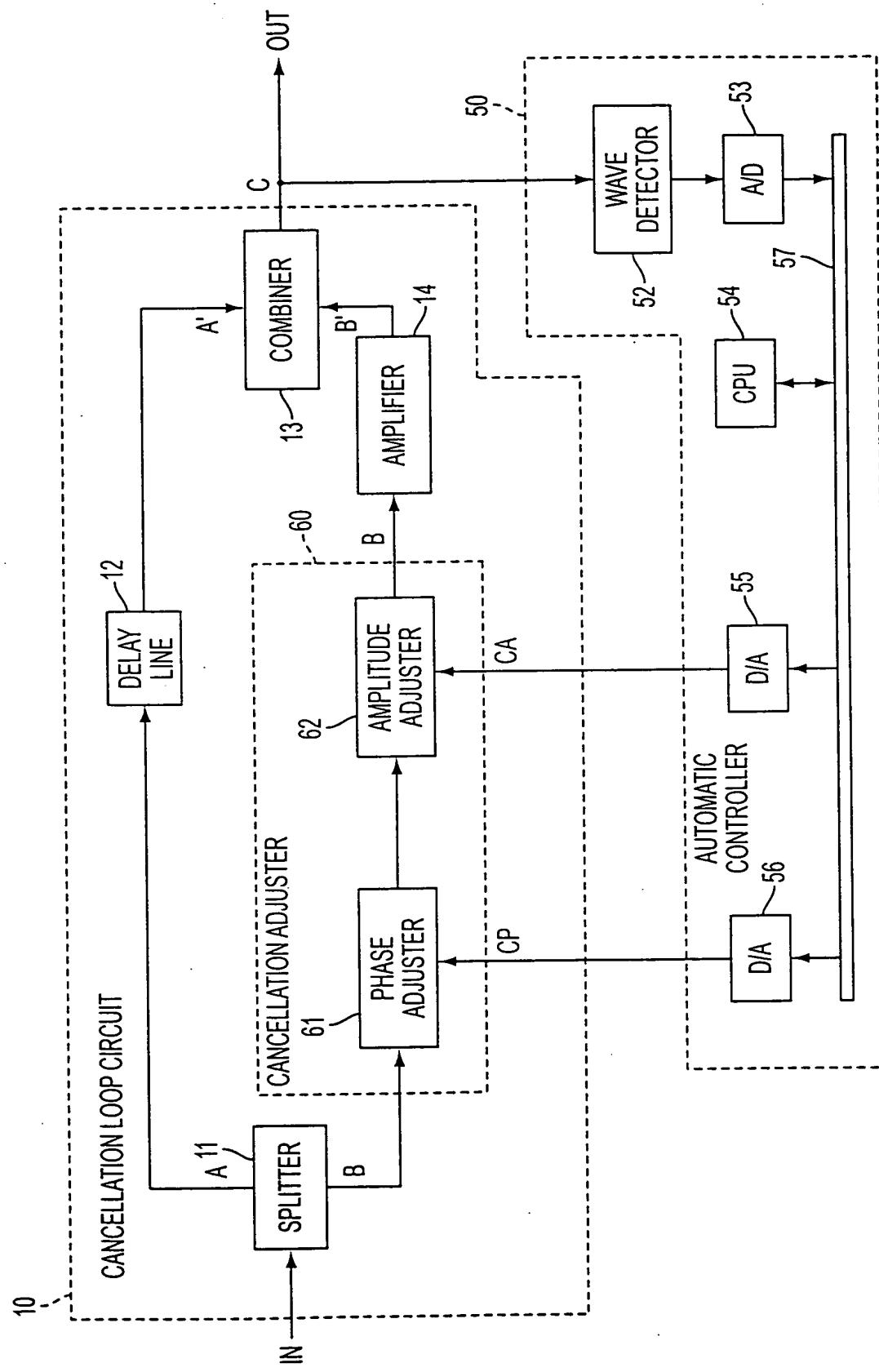
FIG. 14C

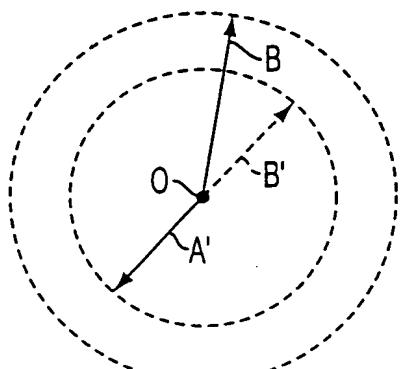


HYBRID TYPE

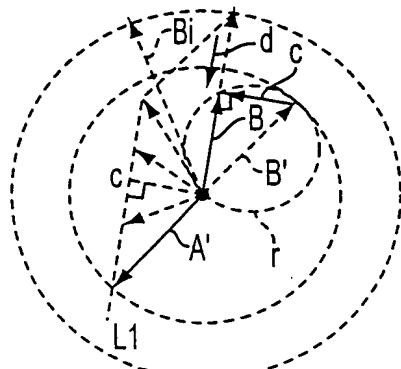
FIG. 14D

FIG. 15

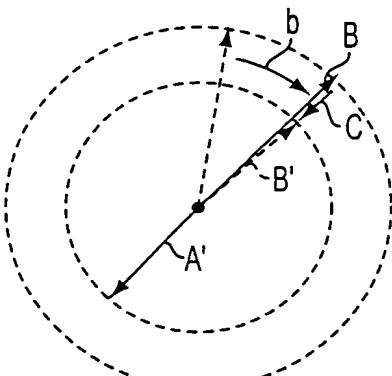




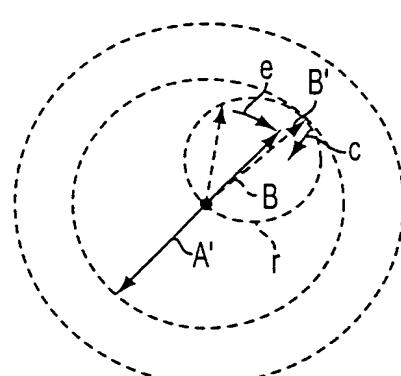
INITIAL STATUS
FIG. 16A



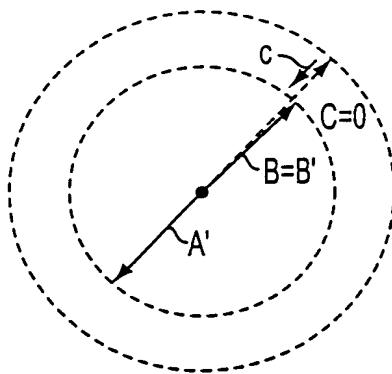
AMPLITUDE CONTROL
FIG. 16D



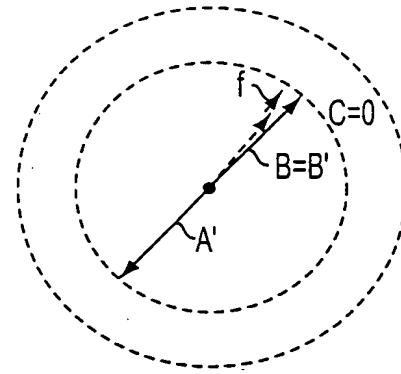
PHASE CONTROL
FIG. 16B



PHASE CONTROL
FIG. 16E



AMPLITUDE CONTROL
FIG. 16C



AMPLITUDE CONTROL
FIG. 16F

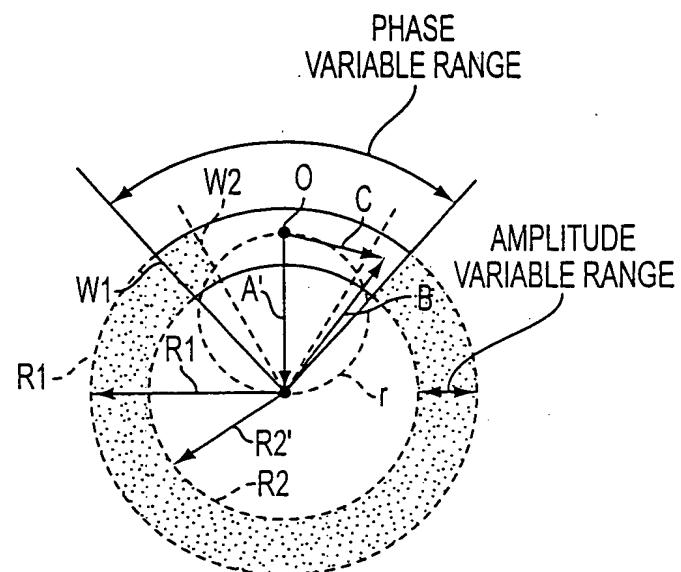


FIG. 17A

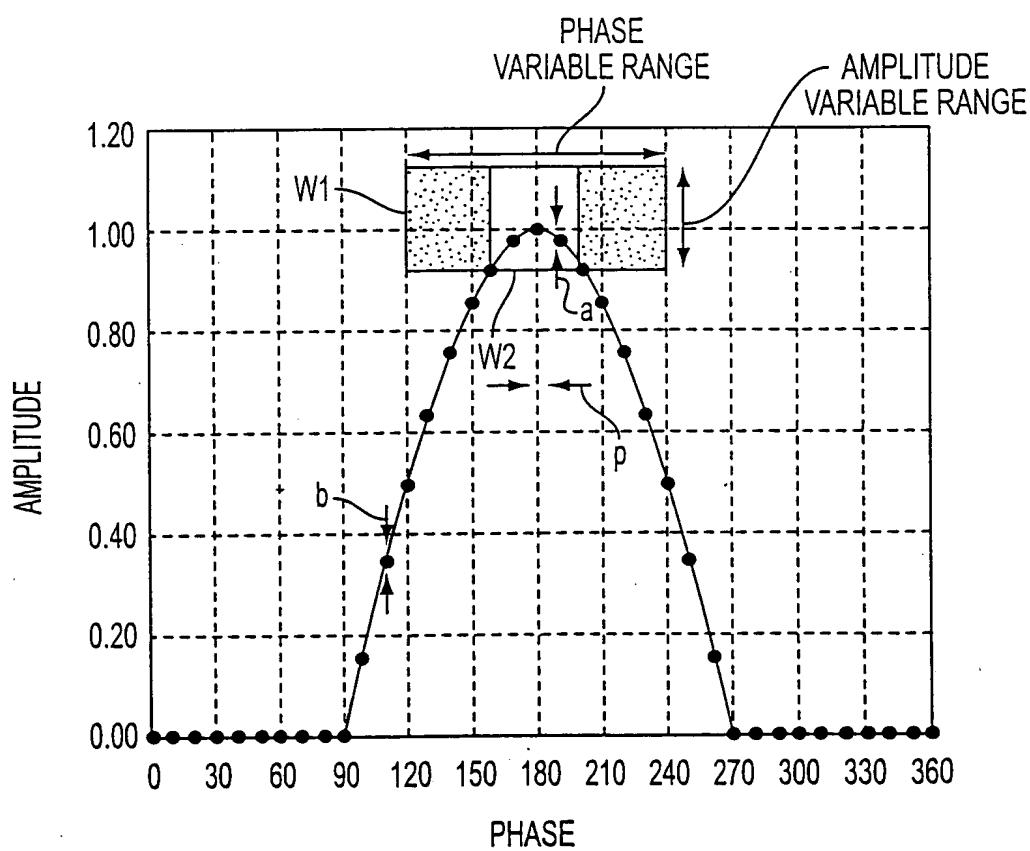


FIG. 17B

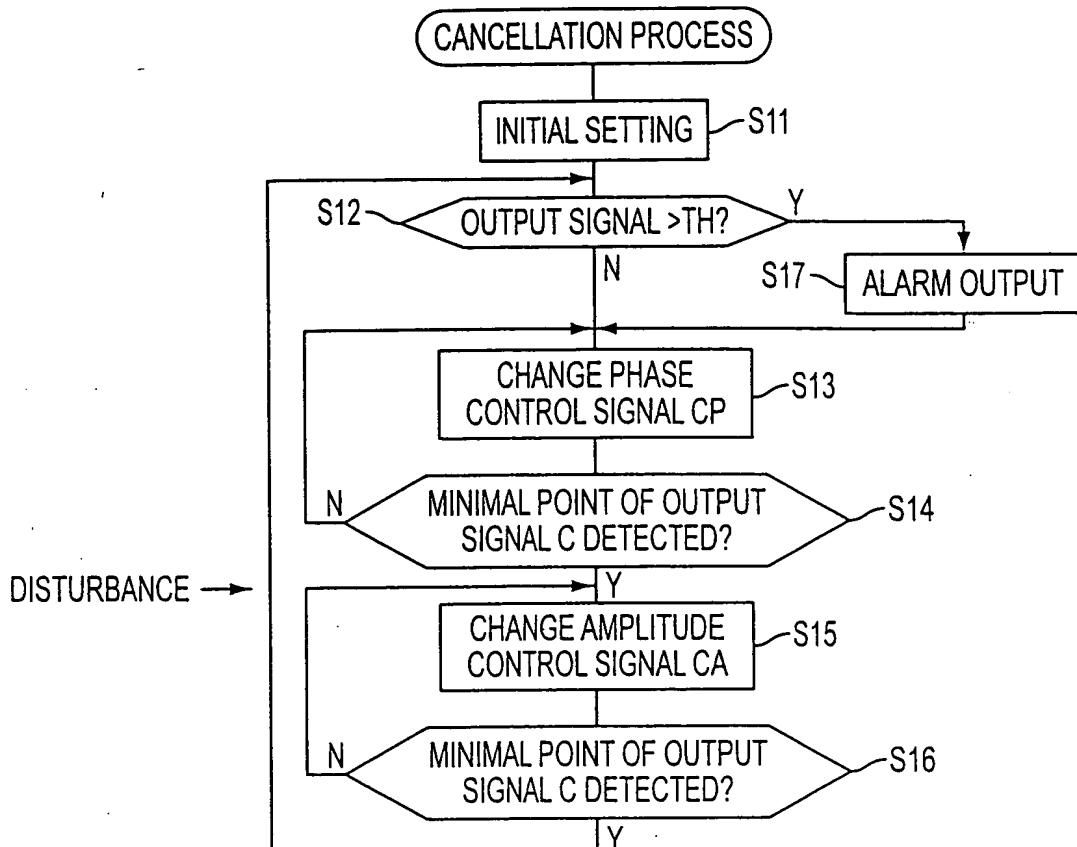


FIG. 18A

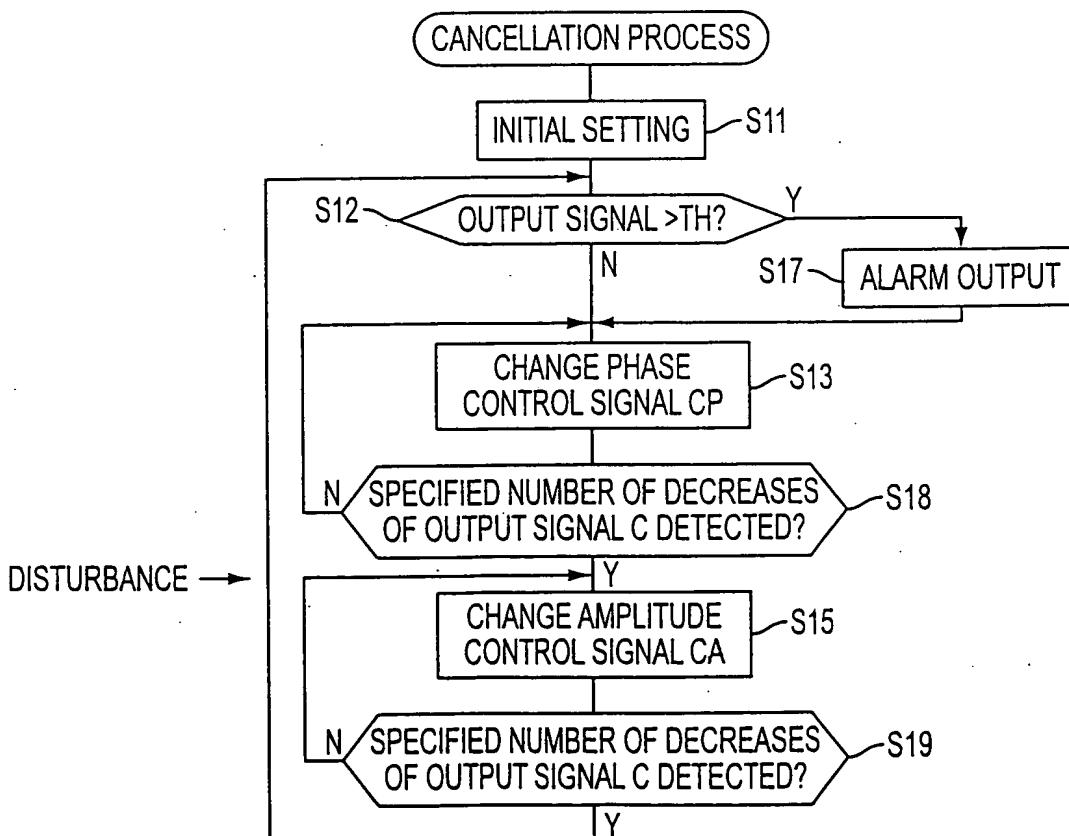


FIG. 18B